

INDEX

TO VOL. LV (VOL. XIII, FOURTH SERIES), OF THE
AMERICAN JOURNAL OF PHARMACY.

Abrus precatorius , alkaloid in, and effects of.....	266
Abutua , origin and use of.....	277, 332
Acetal , detection of.....	263
Acetum aromaticum , Phar. Ger. formula.....	6
digitalis , Phar. Ger. formula.....	6
scillæ , U. S. P. and Phar. Ger.....	306
Achras ballata , milk juice of.....	523
Acid acetic in vegetable protoplasm.....	269
agaric , preparation and properties.....	422
arsenic , action of oxalic acid on.....	54
benzoic , the permanganate test for.....	140
boric , determination by manganese sulphate.....	39
poisoning by.....	377
callutannic , properties of.....	469
carbolic , detection of organic acids in.....	193
properties and preservation.....	562
carbolicum liquefactum , Phar. Ger. formula.....	6
citric , determination of, in fruit juices.....	507
loss of, in dry air.....	506
separation from tartaric acid.....	284
formic in vegetable protoplasm.....	269
hydrobromic , preparation of, by hydrogen sulphide.....	164
hydrochloric dilute , U. S. P. and Phar. Ger.....	307
hydrocyanic , determination of strength.....	307
estimation of.....	409, 581
formula for.....	559
leditannic , properties of.....	469
oleic , specific gravity of.....	203
oxalic , decomposition of solution of.....	562
perosmic , effects of.....	561
picric , detection of, in beer.....	299
sallylic from phenylethers of carbonic acid.....	374
use of, in variola.....	577
sclerotic , preparation.....	13
sulphuric dilute , U. S. P. and Phar. Ger.....	307
tannic , administration of, with alkali and albumen.....	50

Acid tartaric, crystallization in presence of sulphuric acid.....	511
influence of heat on solutions of.....	509
separation from citric acid.....	264
Aconite, proper way to give.....	51
Aconitine for internal administration.....	583
Acorus calamus, see Calamus	
Adiantum capillus veneris, use of in the Orient.....	4
Adonidin, characters of.....	368
Adulteration, responsibility for.....	539
Agaricus albus, constituents of.....	422
ruber, constituents of.....	97
Alabama State Pharmaceutical Association.....	428
Albany College of Pharmacy.....	214
Albumen, test for, ferrocyanic pellets.....	200
tests for, picric and trichlor-acetic acids.....	154
Albuminoids, formation from peptone.....	477
Alcohol, commercial, strength of.....	241
Phar. Germ., strength of.....	6
reduction of, rules for.....	305
tables of the pharmacopœia.....	303, 332
Alcohols, polyhydric, action upon borax.....	447
Aldehydes, reagent for, diazobenzol-sulphonic acid.....	300
Algin in marine algae.....	617
Alkaloids, constitution of, recent studies on.....	545
putrefaction, reactions of.....	300
reagents for, sodium sulphantimoniate and lead chloride.....	308
Alloys, formation of, by pressure.....	49
Aloes, Jafferabad, crystalline constituent of.....	92
Aloins, classification of.....	95
Alstonia scholaris, use of milk juice of.....	325
Alum, precipitation by sodic carbonate.....	38
Alumen exsiccatum, formulas for.....	307
Alumni Associations of Colleges of Pharmacy:	
California.....	632
New York.....	214
Philadelphia.....	53, 212, 430
St. Louis.....	216
American Medical Editors' Association.....	282
Pharmaceutical Association.....	428, 429, 474, 529, 543
Ammonia, gaseous, delicate test for.....	90
Ammonium chloratum ferratum, Phar. Ger., preparation of.....	6
Analysis, stathmetometric (stathmetic), application of.....	537
Andromeda japonica, poisonous principle of.....	196
Anthrenus varius, description of.....	162
Antiarin, characters of.....	367
Antidotum arsenici, formulas for.....	440
Apocolechicine, derivative of colchicine.....	269
Apocynin, characters of.....	368
Apocynum cannabinum, active principles of.....	194
Apomorphine, use of, in poisoning.....	473
Aqua amygdalæ amare, formulas for.....	307
aurantii florum, description of.....	307
calcarizæ, see Liquor Calcis.	
carbolisata, Phar. Ger., formula.....	7
chlori, U. S. P. and Phar. Ger.....	307
cinnamomi, formulas for.....	307
fœniculi, formulas for.....	307
menthæ crispæ, preparation of.....	308
piperitæ, formulas for.....	308
viridis, U. S. P.....	308
pici, Phar. Ger., formula.....	7

rosæ, U. S. P. and Phar. Ger.....	347
Argenti nitras dilutus, U. S. P. and Phar. Ger.....	347
Armstrong, H. E., Turpentine, its nature and adulterations.....	146
Arsenic tribromide, preparation, properties.....	143, 225
Artemisia frigida, histological examination.....	420
Asafetida, variety of.....	586
Asbestos filters, preparation of.....	37
Asparagin, precipitation of	193
preparation with mercuric nitrate.....	273
Asphalts, distribution of.....	155
Aspidosperma Quebracho, effects of.....	630
Aspidospermine, administration of.....	403
Atropine, constitution of.....	550
history of investigations.....	463
<i>Bach, O.</i> , Testing of olive oil.....	354
Bacteria, diastatic ferment of.....	623
Balata, origin of.....	523
Baldy and Péan, hydrogen peroxide in surgery.....	22
Balsam, Lagam, constituents of.....	368
Balsamum nucistæ, Phar. Ger., preparation.....	7
Banana, ripe and unripe, chemical composition.....	49
Bark, bitter, from San Salvador, description.....	195
Barr, H. L., Precipitation of alums by sodic carbonate.....	38
Bassia elliptica, milk juice of.....	524
Bebeerine, precipitated by sodium chloride.....	308
Behr, Arno, Crystallization of anhydrous glucose.....	36
Belladonna root, presence of starch in.....	97
Belohoubek, Dr. A., On the essential oils.....	19
Benzin, petroleum, purification of.....	9
Benzoin, the trees yielding.....	619
value of, for preserving ointments.....	88
Bert, P. and P. Regnard, Action of hydrogen peroxide on organic matters.....	21
Betonica officinalis, use of in Greece.....	4
Bismuth salicylate, preparation of.....	554
properties.....	433, 555
Blood stains, recognition of, Filippi's process.....	89
Bœckmann, F., Manufacture of sorgho and imphy sugar.....	375
Bones and bone ash, constituents of.....	423
Botryopsis platyphylla yields abutua.....	332
Bougies, preparation of.....	99
Bouriez, A., Researches upon the jalaps.....	29
Brassicon for headache, formula for.....	142
Breathing through the nose and mouth, effects of	52, 106
British Pharmaceutical Conference.....	577
Bromidia, analysis of.....	105
Bromine, production of, in the United States.....	537
Bronzes, tungsten, preparation of.....	49
Brucine, constitution of.....	550
quantitative separation from strychnine.....	579
Buckwheat flour, detection of rice flour in.....	299
Butea gum, constituents of.....	267
Butter, preservation of.....	95
Cadavers, destruction of, for forensic analysis.....	261
Caffeine and salts, composition and properties of.....	298
citrate, commercial, examination of.....	539
constitution of.....	551
in powdered guarana.....	540
Calamus, anthelmintic properties of.....	325

<i>Calandra remotopunctata</i> , description of.....	161
Calcatriptine, preparation and properties.....	265
Calcium chloride, anhydrous, temperature required.....	308
iodide, preparation and properties of.....	227
lactophosphate, preparation and properties.....	607
California College of Pharmacy and Pharmaceutical Society ...	217, 334, 632
<i>Calvert, John</i> , Apparatus for making etherial tinctures.....	269
<i>Camellia drupifera</i> (oleifera), constituents of.....	506
Camphor and lupulin in pills.....	274
Cannabin tannate, properties of.....	370
<i>Cannabis indica</i> , new alkaloid (tetano-cannabine).....	359
Cantharides contain formic acid.....	423
Cantharidin, use of.....	142
Capsicum, use of, in rheumatism.....	200
Carbon bisulphide, poisoning by	600
purification of.....	24, 91
pure, properties.....	25
Carrot, fertility of colored flowers.....	163
<i>Casamajor, P.</i> , Asbestos filters.....	37
Cassava root, poisonous properties of.....	34
<i>Cassia lignea</i> , see <i>Cinnamon</i> Chinese.	
<i>Catha edulis</i> , description and use.....	418
Cellulose and varieties, reactions of.....	525
Cement for aquaria, stone, wood.....	103
Cement for glass.....	103
<i>Ceratum cantharidis</i> , U. S. P. and Phar. Ger.....	347
with petrolatum.....	489
cetacei, with petrolatum.....	489
extracti cantharidis, with petrolatum.....	489
plumbi subacetatis, made with benzoinated lard.....	404
U. S. P. and Phar. Ger.....	347
resinae, U. S. P. and Phar. Ger.....	347
with petrolatum.....	489
sabinæ U. S. P. and Phar. Ger.....	347
with petrolatum.....	489
Cevidine, properties of.....	263
Ceylon, some medicinal plants of.....	322
Chamomile, use of, in infantile diarrhœa.....	576
<i>Charta potassii nitratis</i> , U. S. P. and Phar. Ger.....	347
sinapis, U. S. P. and Phar. Ger.....	347
Chewstick, see <i>Gouania</i> .	
Chinoline, compound with chloral	401
compound with phenols.....	401
derivatives, red and violet.....	88
halogen derivatives.....	20
kairine, a derivative of.....	100
Chloral, compound with chinoline.....	401
hydrate as a purgative.....	309
Chloroform and nitrous oxide for anæsthesia.....	474
<i>Christy Thos.</i> , The kola-nut tree.....	27
Cigarettes, asthma, preparation of.....	200
Cinchocerotin preparation and composition.....	357
<i>Cinchona</i> bark, colored with ammonia	367
renewed and shaved.....	520
Ceylon, assay of.....	522
leaves, analysis of.....	197
succirubra, effect of altitude on its alkaloid.....	457
infested by a beetle.....	367
Cinchonidine sulphate, examination for magnesium sulphate.....	537
Cinchonine, constitution of.....	550
presence of hydrocinchonidine.....	90

Cinnamomum Cassia, source of cassia bark, buds and leaves.....	137
Cinnamon, Chinese, origin of.....	134
Civet, use of, in the East.....	5
Cobalt, separation from nickel.....	262
Cocaine, decomposition products of.....	551
Cocculus indicus contains acid fat	198
Coffee fruit, constituents of.....	567
Colchicine crystallized	268
Coleman, M. W., Composition and solubility of sulphate of strychnine.....	113
Tinctura ferri chloridi.....	387
Colocynthin, preparation and properties of.....	301
Cologne water, formulas	102
Colors, blue, recognition of.....	140
red and violet, preparation of.....	88
Collodion, combinations of.....	583
Collodium cantharidal, made with cantharidin	142
cum cantharide, U. S. P. and Phar. Ger.....	347
flexile, U. S. P. and Phar. Ger.....	348
U. S. P. and Phar. Ger.....	337
Confectio sennæ, U. S. P. and Phar. Ger.....	348
Conine, constitution of	548
Connecticut Pharmaceutical Association.....	430
Convallamarin, characters of.....	368
Convallaria majalis, action of.....	199
Copper subacetate, substitution and adulteration of.....	562
Corassa compound.....	634
Corn silk, pharmaceutical preparations of.....	242
Coscinum fenestratum, antiseptic properties of.....	323
Cripps, R. A., Estimation of hydrocyanic acid	409
Cruciferae seeds containing mustard oil	370
Cutose, nature and reactions of.....	526
Cyanides, use in rheumatism.....	378
Dauphin County, Pa., Pharmaceutical Association.....	335
Decoctum sarsaparillæ compositum, Phar. Ger.....	348
Déherain P. P., Influence of electric light on plants.....	276
Delphinium ajacis, action of.....	50
consolida, alkaloid in.....	265
Dextrose, action upon borax	451
Diastase, estimation of.....	291
reaction upon starch, effect of chemicals on.....	373
Dichopsis elliptica, use of milk, juice of	524
Diethylacetal and dimethylacetal, anæsthetic effects of	373
Digitalin and allied compounds, characters of.....	367
pharmacological group of	193
Diospyros Kaki, fruit grown in Florida	631
Disinfectants, usefulness of different.....	22, 275
Drops, size of.....	394
Drugs, adulterated and spurious.....	54
Brazilian	278
Ceylon.....	322
future supply of, to the public.....	577, 588
improved method of exhausting.....	556
insects injurious to	161
microscopic examination of.....	217
powdered, purity of.....	302
Duboisia myoporoides, histology of leaves.....	569
Dunstan W. R., Action of polyhydric alcohols upon borax	447
Dyer, W. T. T., Origin of cassia lignea.....	134

Eau de Brettfeld, formula for.....	102
Eau de Cologne, see Cologne water.	
Eleosacchara, Phar. Ger., preparation	7
Elixir amarum, Phar. Ger., formula.....	71
aurantii, U. S. P., formula.....	398
aurantiorum comp., Ph. Ger., formula.....	398
cascara sagrada, formula.....	252
e succo liquiritiæ, Phar. Ger., formula.....	7
Emplastrum cantharidis, made with cantharidin.....	142
cerussæ, Phar. Ger., formula.....	7
fuseum camphoratum, Phar. Ger., formula.....	7
galbani, U. S. P., compared with Ph. Ger.....	398
hydrargyri, U. S. P. and Ph. Ger.....	398
ichthyocollæ impermeabile, formula for.....	99
lithargyri and lithargyri comp., Ph. Ger.....	398
plumbi, U. S. P., compared with Ph. Ger.....	398
saponis (saponatum), U. S. P., and Ph. Ger.....	398
thapsiæ, uses of.....	540
Emulsiones oleosæ, Phar. Ger.....	80
seminales, Phar. Ger.....	80
England, Jos. W., Myrtus Cheken	246
Syrup of lactarium.....	593
Ergot, fluid, preparation and properties.....	11
origin of poison of.....	471
preparations, critical examination of.....	8
use in delirium tremens	397
Ergotin, purified, preparation of.....	12
solution for hypodermic use	272
Ericacææ, constituents of.....	468
Ericolin, preparation and description of	468
Eriodictyon californicum, histology of leaves.....	568
Erythrophlein, characters of.....	368
Ethidene dichloride, death from.....	199
effects of.....	377
Euonymin, characters of.....	367
Euphorbia Cattimandoo and Tirucalli, use of milk juice of.....	525
Extracta, degrees of consistence.....	80
Extracta narcotica sicca, Phar. Ger.....	80
Extracts, fluid, apparatus and process for (compressed air).....	537
cause of precipitates in.....	536
of the new Pharmacopœia	65, 120, 179
Extractum absinthii, Phar. Ger.....	80
aconiti, U. S. P. and Ph. Ger.....	398
of 1870 and 1880	144
fluidum, U. S. P.....	69
aloes, U. S. P. and Ph. Ger.....	399
anthemidis fluidum, formula	237
arnicæ radiceis fluidum, U. S. P.....	69
aromaticum fluidum, U. S. P.....	69
asari fluidum, formula.....	238
aurantii amari fluidum, U. S. P.....	70
dulcis corticis fluidum, formula.....	238
fluidum, formula	70
belladonnæ, U. S. P. and Ph. Ger.....	399
fluidum, U. S. P.....	70
brayeræ fluidum, U. S. P.....	70
buchu fluidum, U. S. P.....	71
calami, Phar. Ger.....	80
fluidum, U. S. P.....	71
calumbæ fluidum, U. S. P.....	71
best menstruum for.....	402

Extractum, cannabis fluidum, U. S. P.....	72
capsici fluidum, U. S. P.....	72
cardui benedicti, Phar. Ger.....	80
cascarillæ, Phar. Ger.....	80
castanææ fluidum, U. S. P.....	72
cheken fluidum, preparation.....	252
chimaphilæ fluidum, U. S. P.....	73
chinæ, see Extract Cinchonæ.	
chiratæ fluidum, U. S. P.....	73
cimicifugæ fluidum, U. S. P.....	73
cinchonæ U. S. P. and Ph. Ger., aqueous and spirituous.....	399
fluidum, U. S. P.....	74
colchici radiceis fluidum, U. S. P.....	74
seminis fluidum, U. S. P.....	74
colocynthis, U. S. P. and Ph. Ger.....	399
conii fluidum, U. S. P.....	74
cornus fluidum, U. S. P.....	75
cubebæ fluidum, U. S. P.....	75
cubearum, see Oleoresina Cubebæ.	
cypripedii fluidum, U. S. P.....	120
digitalis U. S. P. and Ph. Ger.....	400
fluidum, U. S. P.....	120
dulcamaræ fluidum, U. S. P.....	120
ergotæ, U. S. P. and Ph. Ger.....	400
fluidum, proper menstruum for.....	10
for hypodermic use.....	272
U. S. P.....	121
erigerontis canadensis fluidum, formula.....	238
erythroxyli fluidum, U. S. P.....	123
eupatorii fluidum, U. S. P.....	123
ferri pomatum, granular.....	402
Phar. Ger.....	81
filicis, see Oleoresina Aspidii.	
frangulæ fluidum, U. S. P.....	123
gelsemii fluidum, U. S. P.....	124
gentianæ, U. S. P. and Ph. Ger.....	400
fluidum, U. S. P.....	124
glycyrrhizæ fluidum, U. S. P.....	125
gossypii radiceis fluidum, U. S. P.....	125
graminis, Phar. Ger.....	81
grindeliæ fluidum, U. S. P.....	126
guaranæ fluidum, U. S. P.....	127
hamamelidis fluidum, U. S. P.....	127
helianthemi fluidum, formula.....	239
heliotrope, formula for perfume.....	102
hydrastis fluidum, U. S. P.....	127
hyoscyami, U. S. P. and Ph. Ger.....	400
fluidum, U. S. P.....	127
ipecacuanhæ fluidum, U. S. P....	128
different menstruum for.....	403
iris fluidum, U. S. P.....	129
juniperi fluidum, formula.....	239
kramerizæ fluidum, U. S. P.....	179
lactucarii fluidum, U. S. P.....	179
lappæ fluidum, formula.....	239
leptandræ fluidum, U. S. P.....	179
lobeliæ fluidum, U. S. P.....	180
lupulini fluidum, U. S. P.....	180
multi, rapid determination of value.....	289
fluidum, formula for.....	484, 540
matico fluidum, U. S. P.....	180

meat, Liebig's, right to the use of name.....	107
menyanthis, Phar. Ger.....	81
mezeri fluidum, U. S. P.....	180
nucis vomiceæ, U. S. P. and Ph. Ger.....	400
fluidum, U. S. P.....	181
opii, U. S. P. and Ph. Ger.....	400
pareiræ fluidum, U. S. P.....	181
physostigmatis, use in constipation.....	473
pilocarpi fluidum, U. S. P.....	181
podophylli fluidum, U. S. P.....	182
pruni virginianæ fluidum, U. S. P.....	182
quassia, U. S. P. and Ph. Ger.....	400
fluidum, U. S. P.....	184
rhei U. S. P. and Ph. Ger.....	400
compositum, Phar. Ger.....	81
fluidum, U. S. P. and improved formula.....	184
rhœis fluidum, U. S. P.....	185
rosæ fluidum, U. S. P.....	185
rubi fluidum, U. S. P.....	186
rumicis fluidum, U. S. P.....	186
sabinæ, Ph. Ger.....	81
fluidum, U. S. P.....	186
sanguinaræ fluidum, U. S. P.....	186
sarsaparillæ compositum fluidum, U. S. P.....	187
fluidum, U. S. P.....	187
scillæ, Ph. Ger.....	81
fluidum, U. S. P.....	186
scutellaræ fluidum, U. S. P.....	188
senegæ fluidum, U. S. P.....	233
sennæ fluidum, U. S. P.....	233
serpentariæ fluidum, U. S. P.....	234
spigellæ fluidum, U. S. P.....	234
et sennæ fluidum, formula.....	239
stillingiæ fluidum, U. S. P.....	234
stramonii fluidum, U. S. P.....	235
strychni, see Extract Nucis Vomiceæ.	
sumbul fluidum, formula.....	240
taraxaci fluidum, U. S. P.....	235
U. S. P. and Ph. Ger.....	400
thuyæ fluidum, formula.....	240
trifolii fibrini, see Extract Menyanthis.	
tritici fluidum, U. S. P.....	235
uvæ ursi fluidum, U. S. P.....	236
valerianæ fluidum, U. S. P.....	236
vanillæ fluidum, formula (J. F. Patton).....	403
veratri viridis fluidum, U. S. P.....	236
viburni fluidum, U. S. P.....	237
xanthoxyli fluidum, U. S. P.....	237
zææ stigmatum fluidum, formula.....	243
zingiberis fluidum, U. S. P.....	237
<i>Fairthorne, R. F.</i> , Pharmaceutical notes.....	143
Fats, detection of mineral oil in.....	264
determination of melting point.....	91
free acids in vegetable.....	198
Fermentation, action of hydrogen peroxide on.....	21
Ferric carbonate, saccharated, process of the U. S. P. and Phar. Ger.....	440
chloride in diphtheria.....	565
citrate, its double and secondary salts.....	117
citro-phosphate and double salts.....	165
citro-pyrophosphate and double salts.....	165
hydrate with magnesia, U. S. P. and Phar. Ger.....	440

Ferrous citrate, composition and double salts.....	41
iodide, permanent solution of.....	402
Filter, upward.....	353
Filters, asbestos, preparation of.....	37
Filtration, facts concerning.....	348
Food substances, Kœnig's chart of.....	587
France, pharmacy in the academies.....	158
Fraxinus excelsior, constituents of leaves.....	371
Friedburg, L. H., On carbon bisulphide.....	24
Galena , argentiferous, in Greece.....	5
Garnier, L., The ptomaines before the tribunals.....	404
Gaskets from rubber hose.....	539
Gastric juice, acid reaction of.....	271
Gelatin, medicated, for external use.....	404
Gelatina Carrageen, Phar. Ger.....	81
Lichenis Islandici, Phar. Ger.....	81
Gelsemine, preparation, properties and salts of.....	257
Gerrard, A. W., Gelsemine and its crystalline salts.....	256
Geum album, use of.....	422
Gladstone J. H., and A Tribe, Action of light and heat on sugars.....	520
Globularia Alypum, constituents of.....	467
vulgaris, constituents of.....	467
Glover, Marie O, Tincture of opium.....	481
Glucose, see Sugar, grape	
Glycerin, action upon borax.....	449
use of, in skin diseases.....	471
Glyceritum Amyli, formula for.....	440
boracis, chemistry of.....	447
Gouania domingensis, histological examination of.....	417
Grain, mashing, fermenting and distillation of.....	538
Grains, cereal, origin of.....	152
Granati radicles cortex, preparations deprived of astringency.....	583
Grapes, black, coloring matter of.....	369
Great Britain, Pharmaceutical Society of.....	54
Grindelia robusta, histological examination of.....	566
use of, in asthma.....	200
Grosjean, B. J., Chemistry of tartaric and citric acid.....	506
Guachama, hypnotic properties of.....	473
Guarana, powdered commercial, caffeine in.....	540
Gum arabic, adulterated with tragacanth.....	145
Gun-cotton, preparation of soluble.....	273
Gutta percha, substances resembling.....	523
Hållberg , C. S., Preparations of ergot.....	8
Hay, M., New alkaloid in Cannabis indica.....	359
Heinitsh, C. A., Tinctura lappæ fructus.....	569
Helleborin, characters of.....	367
Helms, A., On cinchocerotin.....	357
Hentschel, W., Conversion of phenol into salicylic acid.....	374
Herbs, medicinal, preservation of, by ensilage.....	579
Himes, C. F., Size of drops.....	394
Hoehn, John, Examination of cheken leaves.....	253
Hofmeister, F., Peptone in the animal body.....	444
Holmes, E. M., The Japanese peppermint plant.....	15
The trees yielding benzoin.....	619
Homatropine, characters and salts of.....	463
Honey, American, keeping qualities of.....	98
crystallization prevented by glycerin.....	540
Howard, J. E., Effect of altitude on the alkaloid of red bark.....	457
Notes on cinchona bark.....	520

<i>Howie, W. L.</i> , Colored insect powder.....	361
Hydrocinchonidine, preparation, properties and salts.....	90
Hydrogen peroxide, action of, on organic matters and fermentations... use of, in surgery.....	21 22
Hymenodictyon excelsum, alkaloid from bark.....	419
bitter principles of.....	580
Hyoseyamine, therapeutic effects of.....	153
Hyoseyamus, odorous principle of.....	583
I ce cream, temperature of.....	401
<i>Ilex paraguayensis</i> , history and chemistry of.....	570
Illinois Pharmaceutical Association.....	633
Indiana State Pharmaceutical Association.....	428, 638
Infusions, preparation of.....	440
Infusum sennæ compositum, U. S. Phar. and Phar. Ger.....	440
Ink, vanadium.....	274
Insect powder, colored, detection of.....	361
Insects injurious to drugs.....	161
Iodia, analysis of.....	105
Iodine, use of in snake bites.....	473
in vomiting of pregnancy.....	473
Iodoform, correctant of odor.....	104, 141
poisoning by.....	104
symptoms of poisoning.....	104
use in diphtheria.....	104
Ionidium ipecacuanha, adulterant of senega.....	265
Iowa State Pharmaceutical Association.....	334
Ivy berries, constituents of.....	371
J alap, histological characters of.....	29
yield of resin and aqueous extract.....	33
Jequirity, see <i>Abrus precatorius</i> .	
<i>Jost, W. W.</i> , Tinctura iodi.....	336
<i>Juglans cinerea</i> , use of, in abortion.....	50
<i>Jungk, J. F. C.</i> , Determination of the value of extract of malt.....	289
Examination of quinine pills.....	434
K airine, preparation, properties and action of.....	100, 552
Kali, Kalium, see Potassa, Potassium.	
Kansas Pharmaceutical Association.....	382
<i>Kennedy, G. W.</i> , Pharmaceutical preparation of corn silk.....	242
Kentucky Pharmaceutical Association.....	217, 382
Khat, see <i>Catha adulis</i> .	
Kings County Pharmaceutical Society.....	214
Kino, constituents of.....	267
<i>Koch, R.</i> , Disinfectants.....	275
Kola nut, see <i>Sterculia acuminata</i> .	
Koroniko, see <i>Veronica parviflora</i> .	
Koumys, iron, preparation and use of.....	403
L abels, varnish for.....	270
Lactometers, uses of.....	244, 332
<i>Ladenburg, A.</i> , Constitution of atropine.....	463
<i>Landerer X.</i> , Oriental Notes.....	4
Laserpitin, preparation and properties of.....	298
<i>Ledum palustre</i> , stearopten of.....	370
<i>Lehman, F. C.</i> , Note on tincture of iodine.....	145
Lemonade, iron, Goodell.....	152
Lemon juice, determination of free and precipitable acid.....	508
Levulose, action upon borax.....	452
Light, electric, influence on plants.....	276

Linimentum ammoniæ, improved formula.....	144
U. S. P. and Phar. Ger.....	441
ammoniato-camphoratum, Phar. Ger.....	81
camphoræ, Phar. Ger.....	81
chloroformi, Thompson.....	152
iodi, pungency of.....	561
saponato-camphoratum, Phar. Ger.....	81
liquidum, Phar. Ger.....	441
saponis comp., with castor oil soap.....	271
formulas for.....	441
stillingiæ, formula for.....	142
styracis, used against itch.....	142
terebinthinæ, U. S. P. and Phar. Ger.....	441
Liquids, specific volumes of.....	535, 595
Liquor aluminii acetatis, Phar. Ger.....	82
ammonii acetatis, U. S. P. and Phar. Ger.....	441
anisatus, Phar. Ger. formula.....	7
arsenicli terbromidi, preparation.....	143
calcis, preparation of.....	441
corrosivus, Phar. Ger.....	82
ferri acetatis, U. S. P. and Phar. Ger.....	441
chloridi, density and strength.....	388
(sesquichlorati), U. S. P. and Phar. Ger.....	442
tersulphatis, U. S. P. and Phar. Ger.....	442
kali, see Liquor Potassæ	
laccæ albæ, for preserving labels.....	270
natri, see Liquor Sodæ	
plumbi subacetatis, U. S. P. and Phar. Ger.....	442
dilutus, U. S. P. and Phar. Ger.....	442
potassæ, U. S. P. and Phar. Ger.....	442
potassii acetatis, Phar. Ger.....	82
arsenitis, U. S. P. and Phar. Ger.....	443
carbonatis, Phar. Ger.....	82
sodæ, U. S. P. and Phar. Ger.....	443
sodii silicatis, U. S. P. and Phar. Ger.....	443
Lithium citrate, preparation, properties and tests of purity.....	314
Lloyd, J. U., Extract of malt.....	494
Lotion of sulphur and camphor, formula.....	255
Louisiana State Pharmaceutical Association.....	281, 638
Louisville College of Pharmacy.....	280
Lubricator, rubber, for belts.....	103
Lupulin and camphor in pills.....	274
Lupinus, poisonous principles in.....	192
Lunge, G., Progress in the soda industry.....	424
Lycoperdon giganteum, hemostatic properties of.....	325
Lyons, A. B., Weight by measure.....	595
<i>Maisch, Henry C. C.</i> , Note on tinctura iodi.....	231
Unguentum hydrargyri nitratis.....	232
<i>Maisch, J. M.</i> , Comparison of Galenical Preparations, 306, 347, 398, 440, 494, 601	
Galenical Preparations of the German Pharmacopœia.....	6, 80, 130
Gleanings in Materia Medica.....	96, 194, 265, 325, 367, 417, 466, 566
Practical Notes from various sources.....	99, 140, 270, 308, 401, 561
Relative strength of certain preparations.....	310
<i>MacEwan, Peter</i> , Commercial nitrite of soda.....	512
Oleum rusci.....	627
Madder colors, chemistry of.....	365
Magnesiæ citras granulatus, U. S. P. and Phar. Ger.....	443
Magnesium and silver cyanide, existence of.....	410
<i>Mallet, J. W.</i> , Determination of organic matter in potable water.....	45

Manihot Alpi, yield of hydrocyanic acid.....	35
utilissima, yield of hydrocyanic acid.....	35
Mannitol, action upon borax.....	450
Marie, Ch., Adulteration of olive oil.....	25
Maryland College of Pharmacy.....	215
State Pharmaceutical Association.....	381
Massachusetts College of Pharmacy.....	280
State Pharmaceutical Association.....	334, 476
Massa ferri carbonatis, formula for.....	443
Medicines, proprietary and family, see also Patent medicines.....	590
Megarrhiza californica, constituents of.....	195
Mel boracis, chemistry of.....	453
despumatum, characters of.....	443
roseæ, formulas for.....	444
Mentha arvensis var. piperascens, the Japanese peppermint plant.....	17
species, having peppermint taste.....	18
Mercurous chloride, influence on fermentation and micro-organisms.....	514
Mercury formamidate, for hypodermic use.....	366
Mesembrianthemum crystallinum,, potash from.....	370
Meyer, L., Basis of thermochemistry.....	527
Microscope, old.....	587
Microscopy, instruction in.....	218
Milk analysis, note on.....	178, 203
assay by means of lactometer.....	244
blue, origin and prevention of.....	265
condensed, value of, as food.....	472
emulsifying power of.....	244
mothers', detection of drugs in.....	105
preserved, alteration of.....	101
protein compounds of.....	372
separation of cream.....	246, 278
skim-, density of.....	245
use as food.....	101
Minjak-Lagam, constituents of.....	368
Mississippi State Pharmaceutical Association.....	334, 383
Missouri State Pharmaceutical Association.....	384, 633
Mistura Amygdala, U. S. P. and Phar. Ger.....	494
antiasthmatica, Fothergill's.....	630
glycerini, Jacoud's.....	577
oleoso-balsamica, Phar. Ger.....	82
sulfurica acida, Phar. Ger.....	82
Morphine, constitution of.....	548
detection of, by ferric salt and ferricyanide.....	260
pure, in forensic analysis.....	191
salts, solubility of, in water.....	99
Mountain sage, see Artemisia frigida.	
Moxa, new, formula of Moses.....	82
Mucilago acaciæ, U. S. P. and Phar. Ger.....	495
salep, Phar. Ger.....	130
Mullein, see Verbascum.	
Musk rendered inodorous.....	274
Myrobalans, emblic, use as a laxative.....	154
Myrtus Cheken, chemical examination.....	246, 253
microscopical examination.....	254
Naphthalin as an antiseptic.....	377
use of, as an antiseptic.....	200
Naphthol, purification of.....	271
Narcotine, constitution of.....	549
National Retail Druggists' Association.....	219, 428, 589
Natrium, see Sodium.	

Neriin, characters of.....	368
Neriodorin, characters of.....	368
Nerium odorum, bitter principles of.....	578
Nettle, stinging, poison of.....	98
New Hampshire Pharmaceutical Association.....	287, 633
New Jersey Pharmaceutical Association.....	380, 633
New South Wales, Pharmaceutical Society of.....	53
New York College of Pharmacy.....	213, 638
New York State Pharmaceutical Association.....	379
Nickel, separation from cobalt.....	262
Nicotine, constitution of.....	548
Nitrous oxide and chloroform, for anæsthesia.....	474
North Carolina Pharmaceutical Association.....	109
Nuphar luteum, constituents of.....	96
Nux vomica, assay of.....	268
complete exhaustion of (sodium chloride).....	1
description and assays of commercial varieties.....	467
Nymphæa alba, constituents of.....	96
Nyssa grandidentata, use of root of.....	631
Obituaries —Fairthorne, Rob. F., 640	Smith, Daniel B., 337
Frohwein, Theobald, 640	Smith, J. Lawrence, 640
Peat, Edward, 336	Talbot, Stephen L., 112
Ohio State Pharmaceutical Association.....	382, 638
Oil, angelica root, composition of.....	469
betula lenta, composition of.....	385, 586
production in Pennsylvania.....	533
camphorated, formula.....	81
cantharides, Phar. Ger.....	130
castor, melting and solidifying point of fatty acids.....	355
cinnamon, difference from oil of cassia.....	578
cloves, sophisticated.....	610
cod-liver, iodine in.....	581, 612
preparation of, at Swampscott.....	470
cotton seed, melting and solidifying point of fatty acids.....	355
erechthites, composition.....	372
ergot, preparation and properties.....	9
erigeron, composition of.....	372
fish, Japanese.....	178
gaultheria, production in Pennsylvania.....	563
use of, in rheumatism.....	610
yield from leaves.....	197, 333, 533
ground nut, melting and solidifying point of fatty acids.....	355
hyoscyamus, Phar. Ger.....	130
kurung, use in skin diseases.....	266
laurel, expressed, contains free acid.....	198
marjoram, composition of.....	372
monarda, thymol from.....	156
mustard, preparation of artificial.....	48
nutmeg, expressed, contains free acid.....	198
olive, adulterations of, detection.....	26
testing of.....	354
patchouly, stearopten of.....	586
pongamia, use in skin diseases.....	266
rape seed, melting and solidifying point of fatty acids.....	355
rusci, characters of.....	627
sandal wood, constituents.....	98
sanitas, preparation and use of.....	142
sesame, melting and solidifying point of fatty acids.....	355
pharmaceutical uses of.....	582
sunflower, melting and solidifying point of fatty acids.....	355

Oil, tambor, purgative properties.....	96
tansy, death from.....	105
theobroma, constituents of.....	198
thyme, thymol in.....	282
turmeric, composition.....	371
turpentine, origin, nature and adulterations of.....	146, 221
Oils, volatile, behavior to petroleum benzin of fresh and old.....	19
blue coloring matter of	197
improvement of odor.....	401
Ointments, bases for, experiments with	581
of the German Pharmacopœia, preparation of.....	190
official, petrolatum in.....	487
troublesome, with extracts.....	271
value of benzoin and styrax for preserving.....	88
Oleander, poisonous principles of.....	194
Oleandrin, characters of.....	368
Oleoresina aspidii, fatal dose of.....	97
U. S. P. and Phar. Ger.....	400, 495
cubebæ, U. S. P. and Phar. Ger.....	399, 495
Olive pits, use of	326
Omphalea cardiophylla, description.....	97
oleifera, description and use of.....	96
Ondaatje, M. C., Some medicinal plants of Ceylon.....	322
Opium, assays of Smyrna and Persian.....	419
combination of morphine in.....	582
cultivation of poppy, and preparation of.....	413
Organic matter, destruction of, for forensic analysis.....	261
Oxymel scillæ, Phar. Ger.....	130
Paraguay tea, see Ilex paraguayensis.	
Paraldehyd, hypnotic action of.....	377, 629
Pareira brava, see Abutua.	
Patent medicines as medicines.....	563, 590
Péan & Baldy, Hydrogen peroxide in surgery.....	22
Peckolt, Theo., Mate or Paraguay tea.....	570
Pectose and pectin, reactions of.....	526
Pellets, ferrocyanic, as test for albumen.....	200
Pencils of zinc chloride, preparation of.....	308
sulphate, preparation.....	273
Pennsylvania Pharmaceutical Association.....	380, 638
Pepper, adulteration with olive pits.....	326
Peptone, distribution of, in the animal body.....	444, 477
poisonous alkaloid in.....	300
Percolator, pressure.....	587
simple, for ethereal liquids.....	269
Percolation, sectional.....	539
Perfumery, formulas for.....	102
Petroleum benzin, purification of, by potassium bichromate.....	252
Pettigrew, H. P., Chemical composition of oil of birch.....	385
Pharmaceutical exhibition, international, at Vienna.....	220, 282, 475, 591
Pharmacopœia, German, galenical preparations of.....	6, 80, 130, 188, 305
new, changes of strength in preparations.....	55, 310
correction of errors.....	636
U. S. and German, galenical preparations of.....	306, 347, 398, 440, 494, 601
U. S., objections urged against.....	335
Phenol compound with chinoline.....	401
Phenoresorcin, preparation of.....	402
Phenyl ethers of carbonic acid, conversion into salicylic acid.....	374
Philadelphia College of Pharmacy, chemical laboratory.....	429, 474
Class of 1882-1883.....	59
Commencement.....	211

Examinations.....	204
preliminary, discussed.....	541
Graduating class.....	209
Minutes of meetings.....	52, 201, 378, 540
Pharmaceutical meetings.....	52, 105, 156, 203, 277, 332, 585, 631
Zeta Phi Alpha chapter.....	213
Phoradendron flavescens, histological examination of.....	421
Phrynin, origin and action.....	368
Picrotoxin, separation of.....	91
<i>Pile, Gustavus</i> , Alcohol tables of the new Pharmacopœia.....	303
The lactometer for determining the value of milk.....	244
Pills, apparatus for gelatin-coating.....	106
Bland's formula for.....	141
lupulin and camphor, excipient for.....	274
quinine, examination of commercial.....	583
ready made.....	279
Pilulæ aloes et ferri, U. S. P. and Phar. Ger.....	495
ferri carbonici, formula of Phar. Ger.....	443
jalapæ, Phar. Ger.....	130
quininæ, process for examining.....	434
Piperine, constitution of.....	550
Piscidia erythrina, active principle of.....	369
Pitch, Syrian and Trinidad, sulphur in.....	583
Plantago major, styptic effect of leaves.....	540
Plants, development of, in electric light.....	276
Polygonum hydropiperoides, properties of.....	195
Pongamia glabra, habitat and use.....	266
Pop corn, use of, in vomiting of pregnancy.....	473
Poppy, cultivation of, in Turkey.....	413
Potassa sulphurata, U. S. P. and Phar. Ger.....	495
Potassium bichromate, use of, in syphilis.....	51
chlorate, solubility in glycerin.....	270
use of, in epitheliomata.....	200
hippurate, acid, in gastric juice.....	271
iodide, quality of commercial.....	504, 532
tests for purity.....	499
use of, in frontal headache.....	51
volumetric estimation.....	89
permanganate, use in diabetes.....	358
Potio Riveri, Phar. Ger.....	130
Power, F. B., Analytical researches and investigations.....	89, 191, 261, 298
Estimation of hydrocyanic acid.....	412
Translations.....	354, 357, 404
Professor in University of Wisconsin.....	429
Prescott, A. B., Quality of commercial iodide of potassium.....	497
Prescriptions, property in.....	107
Propylamine, use of, in chorea.....	51
Ptomaines, forensic determination of.....	404
Pulvis ærophorus, Phar. Ger.....	130
anglicus, Phar. Ger.....	130
laxans, Phar. Ger.....	495
Doveri, history of.....	108
effervescens compositus, officinal formulas for.....	495
ergotæ purificatus, preparation.....	9
glycyrrhizæ (liquiritiæ) compositus, officinal formulas.....	495
gummosus, Phar. Ger.....	130
ipecacuanhæ et opii, improved formula.....	346
(opiatus), U. S. P. and Phar. Ger.....	496
magnesiae cum rheo, formula for.....	496
rhei compositus, U. S. P. and Phar. Ger.....	496
salicylicus cum talco, Phar. Ger.....	130

Pyridine bases, recent researches on.....	327
Pyroxylin, see Gun cotton.....	
Quassin , action of.....	199
properties and uses.....	472
Quinidine, decomposition products of.....	549
Quinine, constitution of.....	548
detection of morphine in.....	260
hydrochloride, preparation of.....	171
hypophosphite, preparation of.....	172
salts, preparation and properties.....	170
sulphate, commercial and official.....	279, 534
process for examining, in pills.....	434
sophistication in France.....	475
sulpho-tannolate, preparation of.....	175
tannates, preparation and composition.....	172
tasteless, syrup of yerba santa as vehicle.....	175
valerate, preparation of.....	176
Quinoline bases, recent researches on.....	327
Randia dumetorum , emetic properties of.....	323
Regnard, P. and P. Bert , Action of hydrogen peroxide on organic matters.....	21
Reichard, C. W. , Unguentum hydrargyri nitratis.....	438
Remington, J. P. , Petrolatum in the official ointments.....	487
Resina jalapæ , processes and tests for.....	496
yield of.....	34
podophylli, tests for.....	496
Resins, detection of mineral oils in.....	264
Resorcin, compound with chinoline.....	401
REVIEWS .—Alumni Association, Philadelphia College of Pharmacy, annual report.....	430
American Homœopathic Pharmacopœia.....	480
Attfeld J., Chemistry : general, medical and pharmaceutical.....	636
Barry, Th. D., <i>Englisches Conversationsbuch für Pharmaceuten</i>	288
Beilstein, F., and C. O. Curtman, qualitative chemical analysis.....	479
Bericht der Wetterauischen Gesellschaft.....	477
Biddle, J. B., <i>Materia Medica</i>	383
Bloxau, C. L., Chemistry, inorganic and organic.....	636
Brendel, F., <i>Flora Peoriana</i>	57
Brewer, distiller and wine manufacturer.....	110
Copp, H. N., The U. S. Salary list and civil service law.....	640
Dio Lewis's Monthly.....	639
Edes, R. T., <i>Therapeutic hand-book</i>	284
Flint, J. M., <i>Pharmacopœias of all nations</i>	384
Flückiger, F. A., <i>Chinarinden</i>	56
Groff, G. C., <i>Book of plant descriptions</i>	477
Hoffmann, F., and F. B. Power, <i>Manual of Chemical Analysis</i>	284
Hopkins, W. B., <i>The roller bandage</i>	544
Houston, E. J., <i>Elements of chemistry</i>	635
Hubbard's Newspaper and bank directory of the world.....	383
Husemann und Hilger, <i>Die Pflanzenstoffe</i>	639
Jackson, J., <i>Catalogue of Plants of Worcester county, Mass.</i>	639
Levin, L., <i>Untoward effects of drugs</i> , by J. J. Mulheron.....	287
Lloyd, J. U., <i>Elixirs, their history, fommulæ, etc.</i>	430
Malosse, Th., <i>Propriétés optiques des liquids</i>	57
Méhu, C., <i>Matières colorantes des urines bleues</i>	160
Muter, J., <i>Analytical chemistry</i>	286
Oil, Paint and Drug Reporter Yearbook.....	431
Patch, E. L., <i>Syllabus of pharmaceutical study</i>	639
Pharmaceutische Rundschau.....	57

Physician's Visiting List and Pocket Record.....	640
Pinner, A., Organic Chemistry, by P. T. Austen	223
Poehl, A., Bildung des Peptons	477
Proceedings of the American Pharmaceutical Association.....	221
Remsen, I., Principles of theoretical chemistry.....	637
Robbins, D. C., Review of the drug trade for 1882.....	286
Schwanert, H., Pharmaceutische Chemie.....	222
Smithsonian Institution, annual report for 1881.....	639
Spina, A., and E. E. Sattler, History of tuberculosis	478
Squire, P., Companion to the British Pharmacopœia.....	108
Stewart, M., Pocket therapeutics and dose book.....	109
Surgeon General U. S. A., Annual report.....	57
Tichborne, C. R. C., and Prosser, James, Mineral waters of Europe..	431
Tidy, C. M., Legal medicine.....	110
Wittstein, G. C., Pharmakognosie des Pflanzenreichs.....	159, 476, 638
Plinius' Naturgeschichte.....	159
Wood, H. C., Treatise on therapeutics.....	476
J. P. Remington and S. P. Sadtler, Dispensary of the United States.....	283
Yearbook of Pharmacy.....	221
Zolltarife für Produkte der chemischen Industrie.....	287
Ricinus communis, insecticide properties.....	422
Robbins Alonzo, Fluid extracts of the new Pharmacopœia...65, 120, 179,	233
Rod holder.....	586
Rosengarten, Frank H., Salicylate of bismuth.....	433
Rother, R., Calcium lactophosphate.....	607
iodide.....	227
Complete exhaustion of nux vomica.....	1
Deodorized tincture of opium.....	76, 598
Ferrie citrate, its double and secondary salts.....	116
Citrophosphate and citropyrophosphate, and their double salts.....	165
Ferrous citrate, its double and secondary salts.....	41
Quinum salts.....	170
Syrup of squill and syrup of ipecac, simple and compound.....	83
wild cherry	557
Rotulæ menthæ piperitæ, Phar. Ger	130
Sabal serrulata, histological description of fruit.....	466
Sachet d' heliotrope, formula.....	102
Sadtler, S. P., Recent studies on the constitution of alkaloids.....	545
Saffron, adulterated with dyed calendula... ..	177
Saint Louis College of Pharmacy	216, 333
Sal Carolinum factitium, Phar. Ger.....	130
Saponin, characters of.....	469
Sapota Mulleri yields balata.....	523
Sapo jalapinus, kalinus, medicatus of Phar. Ger.....	131
Saturations of the German Pharmacopœia.....	131
Saunders, Wm. E., Insects injurious to drugs.....	161
Scales, prescription, best form of.....	78
Scammony, spurious.....	583
Scholl, B. F., Value of benzoin and styrax in preservation of ointments	88
Scillain, characters of	368
Semecarpus Gardneri, uses of resin.....	324
Senega, adulteration with ionidium root.....	265
Sethia acuminata, vermifuge properties of.....	323
Shenstone, W. A., Crystalline principle of Jafferabad aloes.....	92
Shoe blacking, formulas for.....	103
Shryock, Allen, Aromatic syrup of liquorice.....	305
Sierra salvia, see Artemisia frigida.	
Silvanus surinamensis, description of.....	162

Sinapine, decomposition products of.....	551
Sirodrepia panicea, description of.....	161
Sloan, G. W., Tinctura opii deodorata.....	392
Stocum, F. L., Preparation of arsenic tribromide.....	225
Smith, Edgar F., Determination of boracic acid.....	39
Soap, castor oil, preparation of, for liniment.....	271
Soda industry, progress in.....	424
Sodii boras, action of polyhydric alcohols upon.....	447
carbonas exsiccatas, processes for.....	496
Sodio-ferrous citrates, preparation and composition.....	43
Sodium dinitrocresolate, yellow coloring material.....	177
hyposulphite, use of, in cancerous ulcers.....	576
nitrite, quality of commercial.....	572
sulphocarbonate, use of, for bee stings.....	622
in rheumatic fever.....	562
vomiting.....	153
Solutiones extractorum narcoticorum, Phar. Ger.....	80
Species aromaticæ, Phar. Ger.....	131
emollientes, laxantes, lignorum, pectorales, Phar. Ger.....	132
Specific gravities and specific volumes of liquids.....	535, 595
gravity of liquids, unit for.....	333
Spencer, G., Sophisticated oil of cloves.....	611
Spigelia, commercial, and substitute for.....	631
Spiritus Ætheris (ætherus), U. S. P. and Phar. Ger.....	496
U. S. P. and Phar. Ger.....	496
nitrosi, preparation from calcium nitrate.....	582
angelicæ comp., cochleariæ, formicarum, melissæ comp., sinapis, Phar. Ger.....	132
camphoræ (camphoratus), U. S. P. and Phar. Ger.....	497
juniperi, U. S. P. and Phar. Ger.....	497
lavandulæ, U. S. P. and Phar. Ger.....	497
menthæ piperitæ, U. S. P. and Phar. Ger.....	497
saponatus, Phar. Ger.....	441
Sponges, cleaning of.....	309
Stanford, E. C. C., Algin.....	617
Iodine in cod liver oil.....	612
Starch, diastatic fermentation of, by bacteria.....	623
reaction of diastase, effect of chemicals on.....	373
Sterculia acuminata, constituents and use of fruit.....	27
Storax, purification of, with ether.....	273
value of, for preserving ointments.....	88
Streeter, N. D., Syrupus lactucarii.....	393
Strophantin, characters of.....	367
Strychnine, constitution of.....	550
quantitative separation from brucine.....	579
sulphate, acid and normal, composition of.....	272
composition and solubility.....	113, 156
Styrax, species, sources of benzoin.....	619
Succus juniperi inspissatus, Phar. Ger.....	132
liquiritiæ depuratus, Phar. Ger., preparation of.....	7
Sugar, cane, action of heat and light on.....	517
grape, crystallization of anhydrous.....	36
sorgho and imphy, manufacture in the United States.....	375
Sulamita vitulus, use of.....	419
Sulphur, precipitated, U. S. P. and Phar. Ger.....	601
washed, U. S. P. and Phar. Ger.....	601
Symes, C., Essence from green ginger.....	313
Some facts concerning filtration.....	348
Syrupus, U. S. P. and Phar. Ger.....	601
althææ, U. S. and Phar. Ger.....	601
amygdalæ (amygdalarum), U. S. P. and Phar. Ger.....	601

Syrupus, aurantii, U. S. P. and Phar. Ger.....	601
florum, U. S. P. and Phar. Ger.....	601
cerasorum, cinnamomi, Phar. Ger.....	133
eriodictyontis, preparation and use for quinine.....	176
ferri iodidi (jodati), U. S. P. and Phar. Ger.....	602
preservation of.....	561
oxydati solubilis, Phar. Ger.....	133
quinine et strychnine, Eaton's, variation of strength.....	583
glycyrrhizæ (liquiritiæ, Phar. Ger.).....	133
aromaticus, formula for.....	305
ipecacuanhæ, made with weak alcohol and ammonia.....	87
preparation from fluid extract.....	403
U. S. P. and Phar. Ger.....	602
compositus, substitute for Dover's powder.....	87
lactucarii, modified formula.....	393
laxativus Amussat, formula.....	152
mannæ, menthæ, papaveris, rhamni catharticiæ, Ph. Ger.....	133
pruni virginianæ, alcoholic menstruum for.....	560
rhei, U. S. P. and Ph. Ger.....	602
rubi idæi, preparation of.....	157
U. S. P. and Ph. Ger.....	602
scillæ, made with weak alcohol, formula for.....	85
senegæ, U. S. P. and Ph. Ger.....	602
sennæ, U. S. P. and Ph. Ger.....	602
tolutanus, preparation of.....	274
zææ stigmatum, formula.....	243
Tamar indien, preparation of.....	309
Tamarinds, East India, composition of.....	194
Tambor tree, description and products of.....	96
Tanghinia venenifera, action of.....	368
Tartarus boraxatus, Ph. Ger.....	133
Taylor, Alfred B., Improved method of exhausting drugs.....	556
Tea, Arabian, see Catha edulis.	
plants, oriental.....	4
Tenebrioides mauritanica, description of.....	162
Tetano-cannabine, preparation and properties.....	359
Texas Puarmaceutical Association.....	638
Theobromine, constitution of.....	551
Thermochemistry, basis of.....	527
Threvetin, characters of.....	367
Thompson, S. C., Lithiæ citras.....	314
Wm. B., Prescription scales and weights.....	78
Thymol, acting on the circulation.....	378
from oil of monarda.....	156
Tilia argentea, use in Greece.....	4
Tilton, F. M., Note on Unguentum hydrargyri nitratis.....	145
Tinctura absinthii, Ph. Ger.....	134
aconiti, U. S. P. and Ph. Ger.....	603
aloes, U. S. P. and Ph. Ger.....	603
composita, Ph. Ger.....	134
amara, Ph. Ger.....	7, 134
anticholerica Bastleri, improved formula.....	75
arnicæ florum, preparation of.....	556
U. S. P. and Ph. Ger.....	603
aromatica, Ph. Ger.....	7, 134
asafœtidæ, U. S. P. and Ph. Ger.....	603
aurantii amari, U. S. P. and Ph. Ger.....	603
benzoini (benzoes), U. S. P. and Ph. Ger.....	603
boleti laricis, precipitate in.....	540
cajuputi composita, formula.....	143

Tinctura, calami, Ph. Ger.....	134
calumbæ, best menstruum for.....	402
cannabis indicæ, U. S. P. and Ph. Ger.....	603
cantharides, U. S. P. and Ph. Ger.....	603
capsici, U. S. P. and Ph. Ger.....	603
castorei, Ph. Ger.....	188
catechu, Ph. Ger.....	188
chinoidini, Ph. Ger.....	188
cinchonæ (chinæ), U. S. P. and Ph. Ger.....	603
composita, U. S. P. and Ph. Ger.....	604
cinnamomi, U. S. P. and Ph. Ger.....	604
colchici, U. S. P. and Ph. Ger.....	604
colocyntidis, Ph. Ger.....	188
dentifricia, formula for.....	309
digitalis, digitalin precipitated.....	402
ferri acetatis (ætherea), U. S. P. and Ph. Ger.....	188, 604
chloridi, density and assays.....	389
effect of light.....	390
(ætherea) U. S. P. and Ph. Ger.....	189, 604
pomata, Ph. Ger.....	184
gallicæ (gallarum) U. S. P. and Ph. Ger.....	609
gei albi, strength and dose.....	422
gentianæ, Ph. Ger.....	189
ignatiæ, improved formula.....	144
iodi, prepared by percolation.....	346
prepared with sodium chloride.....	145, 157, 203, 231
pungency of.....	561
U. S. P. and Ph. Ger.....	604
iodoformi composita.....	603
ipæcacuanhæ, Ph. Ger.....	189
krameriz (ratanhiæ) U. S. P. and Ph. Ger.....	604
lappæ fructus, preparation.....	569, 586
lobeliæ, U. S. P. and Ph. Ger.....	605
moschi, U. S. P. and Ph. Ger.....	605
myrrhæ, U. S. P. and Ph. Ger.....	605
nucis vomice, improved formula.....	144
(strychni) U. S. P. and Ph. Ger.....	605
variation in alkaloidal strength.....	579
opii, U. S. P. and Ph. Ger.....	605
morphine strength of.....	379, 482
camphorata (benzoica), U. S. P. and Ph. Ger.....	605
crocata, see Vinum Opii.	
deodorata, modified formula, with vasceline.....	76, 392, 598
pimpinellæ, Ph. Ger.....	189
rhei aquosa, Ph. Ger.....	189
rhei vinosa, see Vinum Rhei.	
scillæ, U. S. P. and Ph. Ger.....	605
valerianæ, U. S. P. and Ph. Ger.....	605
ætherea, Ph. Ger.....	189
veratri, Ph. Ger.....	189
zææ stigmatum, formula.....	243
zingiberis, from green ginger.....	313
U. S. P. and Ph. Ger.....	605
Tinctures, ethereal, apparatus for preparing.....	269
weight of a fluidounce of.....	306, 333
Tissues, vegetable, analysis of.....	525
Toothwash (eau dentifrice).....	309, 563
Trebolium ferrugineum, description of.....	162
Tribe, Alfred and J. H. Gladstone, action of light and heat on sugars...	520
Trichlorphenol, use of, in erysipelas.....	630
Trifolium pratense, constituents of flower heads.....	194

<i>Trimble, Henry</i> , note on milk analysis.....	177
Professor in Philadelphia College of Pharmacy.....	474
<i>Trimen, Henry</i> , effects of altitude on the alkaloids of red bark.....	461
Trochisci, preparation of, by compression, and with cacao.....	189
santonini, strength of.....	189
Tropeines, description of different.....	464
Turmeric, constituents of.....	371
<i>Turner, Wm. L.</i> , patent medicines.....	563
Unguenta, the officinal ointments (U. S. P.) made with petrolatum.....	489, 494, 539
Unguentum (cereum), U. S. P. and Ph. Ger.....	605
acre, made with cantharidin.....	142
aque rose, composition, U. S. P. and Ph. Ger.....	605
rancidity prevented.....	87
cantharidis, made with cantharidin.....	142
Ph. Ger.....	190
diachylon, U. S. P. and Ph. Ger.....	605
glycerini, Ph. Ger.....	190, 440
hydrargyri, U. S. P. and Ph. Ger.....	606
ammoniatum (album.), U. S. P. and Ph. Ger.....	606
nitratiss, made with different fats.....	438
with addition of camphor.....	145, 156, 203, 231, 278
oxidi rubri, U. S. P. and Ph. Ger.....	606
naphthali, preparation of.....	271
paraffini, Ph. Ger.....	190
plumbi and plumbi tannici, Ph. Ger.....	190
carbonatis (cerussæ), U. S. P. and Ph. Ger.....	606
made with benzoinated lard.....	404
potassii iodidi (kalii iodati), U. S. P. and Ph. Ger.....	606
rosmarini compositum, Ph. Ger.....	190
tartari stibiati, Ph. Ger.....	190
terebinthinæ, Ph. Ger.....	191
zinci oxidi, U. S. P. and Ph. Ger.....	606
Upas, Singapore, constituents.....	368
Urea, detection by oxalic acid.....	264
Urine, human, poisonous action of.....	193
tests for albumen.....	154
Vanadium ink.....	274
Vanilla, Guadeloupe, description of.....	327
Vasculose, presence in tissues and reactions of.....	526
Vateria indica, antifermentic properties of.....	324
Veratridine, analysis and decomposition of.....	263
Veratrine, analysis and decomposition of.....	263
officinal, constituents of.....	262
Veratroine, properties of.....	263
Verbascum Thapsus, leaves used in consumption.....	267
medicinal properties of.....	580
Vernonia anthelmintica, use of fruit.....	324
Veronica parviflora, use of in dysentery.....	576
Vienna, international pharmaceutical exhibition.....	220, 282, 475, 591
Vinum antimonii (stibiatum), U. S. P. and Ph. Ger.....	606
camphoratum and v. chinæ, Ph. Ger.....	191
colchici seminis, U. S. P. and Ph. Ger.....	606
ipeacacuanhæ, U. S. P. and Ph. Ger.....	606
opii, U. S. P. and Ph. Ger.....	606
pepsini, Ph. Ger.....	191
rhei, U. S. P. and Ph. Ger.....	607
Viola tricolor, constituents of.....	470
Virginia State Pharmaceutical Association.....	334, 544

Viverra Civetta, secretion from.....	4
Warrington, R., Chemistry of citric and tartaric acid.....	506
Wassilieff, N. P., Influence of calomel on fermentation.....	514
Water, estimation of hardness of.....	193
potable determination of organic matter in.....	45
snow, purity of.....	538
Waters, distilled, improvement of odor of.....	401
Weight by measure of liquids.....	535, 595
Weights, accuracy of.....	78
West Virginia, report of commissioners of pharmacy.....	109
State Pharmaceutical Association.....	381
Wheat, origin of.....	152
Whiskey, manufacture of.....	538
Wills, E. J., Precipitation of alums by sodic carbonate.....	38
Wiegand, T. S., Preparation of hydrobromic acid.....	164
Pulvis ipecacuanhæ et opii.....	346
Willow leaves, use of, in ague.....	199
Wine, red, coloring matter of.....	369
detection of artificial coloring matter.....	262
Wines, Greek, production of.....	4
Wisconsin Pharmaceutical Association.....	638
Woehler, Professor, memorial to.....	220
Wolff, L., Bismuth salicylate.....	554
Wortman, J., Diastatic ferment of bacteria.....	623
Wurtz, A., Madder colors.....	365
Zea mays, stigmata, pharmaceutical preparations of.....	242
Zinc chloride as an antiseptic.....	22
preparation of pencils from.....	308
ores in Greece.....	5
sulphate, preparation of pencils from.....	273

